

Parcel G Checklist - Regulators

Survey Unit	Reviewer	Comments
116	KB, DK	Close to impacted area, had a lot of remediation, Difficult to excavate more. Quantile plots – different slope in line on final. One way falsification caught in 2012 was K-40 for FSSR not the same as original. Slope for Ac-228 looks like 2 different populations in biased samples. Scan measurements above investigation threshold inconsisten w/ FSS samples, samples could have been taken in areas with lower count rate in trench.
115	DK	Cs-137 remediation, but looks ok
71	DG ; DK	Box Plots show concern, Donna will do PCA; Remediation performed due to Cs-137, but RAS samples show differenct population for Bi-214.
98		"Static dataset not consistent with Scan dataset"
97	DK	Soil under Bldg 351A, "Gamma Static measurements not representative of conditions"; K-40 FAA different population
101	DK	Cs-137 remediation,
102	DK	Cs-137 remediation, K-40 may be from diff pop
204	DG ; DK	Box Plots show concern, Donna will do PCA ; where is form
107	DK	Gamma Scan data >3sigma; samples may have been collected somewhere else within the trench
72	DK	QC Dup is outlier from population
99	DK	Cs-137 remediation, "static" measurements inconsistent w/FSS; Highest Cs-137 concentration recorded in Parcel G
85	DG ; DK	Box Plots show concern, Donna will do PCA; K-40,B-214 FSS are from different populations
73	DK	
103	DK	Scan data eleveled compared to sample data/several samples may have been substituted
86	DK	Navy says to Resample already

Followup needed, e.g. questions for Navy	Recommended score (0 to 2)	KS/Test			Logic Test			Time Series Plot Discrepan- cies?
		Pass?	Fail?	If Fail, why?	Pass?	Fail?	If Fail, why?	
Resample to confirm ROC concentrations	1							
	0							
Resample to confirm ROC concentrations for Ra-226 and Cs-137	1							
Resample to confirm ROC concentrations								
Resample to confirm ROC concentrations	2							
Resample to confirm ROC concentrations								
Resample to confirm ROC concentrations								
	1							
Resample to confirm ROC concentrations								
Resample to confirm ROC concentrations								
Resample to confirm ROC concentrations	1							
Resample to confirm ROC concentrations/ chemicals								
Resample to confirm ROC concentrations/ chemicals	2							
	0							
Resample to confirm ROC concentrations	1							
	1							

Time Series Plot Discrepancies?	If yes, "X" all radionuclides with discrepancies	Is Survey Unit down gradient of rad impacted Site?	Suspect Worker?
No?	Ra-226? Th-232? Sr-90?	Yes? No? Comments	Yes? No? Comments

ED_004747_00021761-00014

ED_004747_00021761-00016

ED_004747_00021761-00017

Spreadsheet QA		
Review Pass/Fail Survey Unit?		
	Scoring	Checks only one Pass/Fail and Yes/No
		Checks that all fields are filled out
	Pass?	Fail? Comments

ED_004747_00021761-00022

